



FORM PTO-1449

**FIRST SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**ATTY. DOCKET NO.
1875.0250003APPLICATION NO.
09/832,131APPLICANT
Juin-Hwey CHENFILING DATE
April 11, 2001GROUP
2654**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|---------------------|-----|--------------------|------|------|-------|---------------|-------------|
| | AA1 | | | | | | |
| | AB1 | | | | | | |
| | AC1 | | | | | | |
| | AD1 | | | | | | |
| | AE1 | | | | | | |
| | AF1 | | | | | | |
| | AG1 | | | | | | |
| | AH1 | | | | | | |
| | AI1 | | | | | | |
| | AJ1 | | | | | | |
| | AK1 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION |
|---------------------|-----|--------------------|---------|---------|-------|---------------|-------------|
| MAC | AL1 | 0 573 216 A2 | 12/8/93 | Europe | | | Yes No |
| | AM1 | | | | | | Yes No |
| | AN1 | | | | | | Yes No |
| | AO1 | | | | | | Yes No |
| | AP1 | | | | | | Yes No |

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OCT 07 2002

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|-----|----|---|---|
| MAC | AR | 1 | Hayashi, S. et al., "Low Bit-Rate CELP Speech Coder with Low Delay," Signal Processing, Elsevier Science B.V., Vol. 72, 1999, pp. 97-105. |
| MAC | AS | 1 | Tokuda, K. et al., "Speech Coding Based on Adaptive Mel-Cepstral Analysis," IEEE, 1994, pp. I-197-I-200. |
| MAC | AT | 1 | Copy of International Search Report issued September 11, 2002 for Appln. No. PCT/US01/42787, 6 pages. |

EXAMINER

DATE CONSIDERED

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FORM PTO-1449

ATTY. DOCKET NO.

1875.0250003

APPLICATION NO.

09/832.131

FIRST NAMED INVENTOR: Juin-Hwey CHEN

FILING DATE

April 11, 2001

ART UNIT

2655

Fourth Supplemental

INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|------------|---------------|-------|-----------|-------------|
| | AA1 | | | | | | |
| | AB1 | | | | | | |
| | AC1 | | | | | | |
| BA | AD1 | 5,675,702 | 10/07/1997 | Gerson et al. | | | |
| | AE1 | | | | | | |
| | AF1 | | | | | | |
| | AG1 | | | | | | |
| | AH1 | | | | | | |
| | AI1 | | | | | | |
| | AJ1 | | | | | | |
| | AK1 | | | | | | |

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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL1 | | | | | | Yes No |
| | AM1 | | | | | | Yes No |
| | AN1 | | | | | | Yes No |
| | AO1 | | | | | | Yes No |
| | AP1 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|--|----|---|--|
| | AR | 1 | |
| | AS | 1 | |
| | AT | 1 | |

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Fifth Supplemental
INFORMATION DISCLOSURE STATEMENT

PATENT NO. 1875.0250003
FIRST NAMED INVENTOR: Juin-Hwey CHEN
FILING DATE April 11, 2001
ART UNIT 2655

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----------------|-----------|---------|---------------|-----------|-------------|
| | AA1 | | | | | |
| | AB1 | | | | | |
| | AC1 | | | | | |
| | AD1 | | | | | |
| | AE1 | 5,206,884 | 04/1993 | Bhaskar | | |
| | AF1 | 5,826,224 | 10/1998 | Gerson et al. | | |
| | AG1 | 5,873,056 | 02/1999 | Liddy et al. | | |
| | AH1 | 5,790,759 | 08/1998 | Chen | | |
| | AI1 | 5,710,863 | 01/1998 | Chen | | |
| | AJ1 | | | | | |
| | AK1 | | | | | |

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|-----------------|------|---------|-------|-----------|-------------|
| | AL1 | | | | | Yes No |
| | AM1 | | | | | Yes No |
| | AN1 | | | | | Yes No |
| | AO1 | | | | | Yes No |
| | AP1 | | | | | Yes No |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|--|---|--|
| AR | 1 | |
| AS | 1 | |
| AT | 1 | |

EXAMINER  DATE CONSIDERED 5/19/00

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